

## REMARKS

Claims 1 and 3-4 are rejected under 35 U.S.C. § 112, second paragraph, as failing to distinctly claim the subject matter of the invention.

Claims 1 and 3-4 are rejected under 35 U.S.C. § 102(b) as being anticipated by *Sawdon et al US 5339509*.

Claim 1 is rejected under the judicially created doctrine of Double Patenting.

*Sawdon* does not disclose work hardening during the extrusion process. It cannot be read into the reference that work hardening is created in *Sawdon*, absent any hint. In fact, in many applications, work hardening is undesirable and may be purposely avoided or minimized by the technique of extrusion in order to maintain as much ductility as possible. Without a discussion in the reference, no teaching one way or the other can be realized.

In contrast, the present invention specifically discloses two compression steps—one to displace the material until the moveable sections abut the stop, and a second with a corresponding "significant increase in pressure" [0035] which specifically results in cold hardening of the material. The *Sawdon* reference has absolutely no disclosure of further compression or work hardening after lateral extrusion is completed.

The cited patent 7681296 is removed by virtue of the present terminal disclosure.

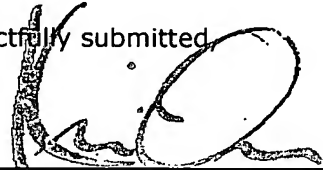
## CONCLUSION

Applicant asserts that all of the objections have been obviated and, therefore now respectfully requests examination on the merits.

## PETITION FOR AN EXTENSION OF THE TERM

The applicant herewith petitions the Commissioner of Patents to extend the time for reply to the Final Official Action for three-months from 13 August 2010 to 13 November 2010. Submitted herewith is a check for \$555 to cover the cost of the extension. Any deficiency or overpayment should be charged or credited to deposit account number 04-2219, referencing our docket number 13976.

Respectfully submitted,

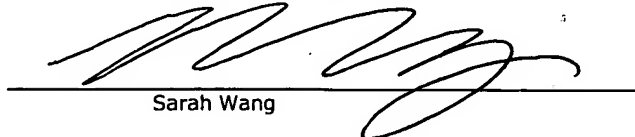


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## CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner of Patents PO Box 1450, Alexandria, VA 22313 on 15 November 2010.



Sarah Wang